

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Original) A micro-fabricated chip, comprising:

a stationary structure; and

a movable structure having a gimbal structure, the gimbal structure allowing pitch and roll motion of the movable structure with respect to the stationary structure.

2. (Original) The micro-fabricated chip according to claim 1, wherein the

gimbal structure includes a dimple surface making a rolling-type contact with the stationary structure.

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Original) The micro-fabricated chip according to claim 1, wherein the micro-fabricated chip is a passive chip structure.

8. (Original) The micro-fabricated chip according to claim 1, wherein the micro-fabricated chip is a microactuator.

9. (Original) The micro-fabricated chip according to claim 8, wherein the movable structure moves in a rotational direction with respect to the stationary structure.

10. (Original) The micro-fabricated chip according to claim 8, wherein the movable structure moves in a translational direction with respect to the stationary structure.

11. (Original) A suspension for a disk drive, comprising:
a load beam;
a micro-fabricated chip having a stationary structure and a movable structure having a gimbal structure, the stationary structure being attached to the load beam and the gimbal structure allowing pitch and roll motion of the movable structure with respect to the stationary structure; and
a slider attached to the movable structure.

12. (Original) The suspension according to the claim 11, wherein the gimbal structure includes a dimple surface making a rolling-type contact with the stationary structure.

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Original) The suspension according to claim 11, wherein the micro-fabricated chip is a passive chip structure.

18. (Original) The suspension of claim 11, wherein the micro-fabricated chip is a microactuator.

19. (Original) The suspension of claim 18, wherein the movable structure and the slider move in a rotational direction with respect to the stationary structure.

20. (Original) The suspension according to claim 18, wherein the movable structure moves in a translational direction with respect to the stationary structure.

21. (Original) The suspension according to claim 11, further comprising a flexible cable that is directly attached to the load beam without mechanical compliance and forms at least one electrical connection to the micro-fabricated chip.

22. (Original) A disk drive, comprising:
a suspension having a load beam;
a micro-fabricated chip having a stationary structure and a movable structure having a gimbal structure, the stationary structure being attached to the load beam and the gimbal structure allowing pitch and roll motion of the movable structure with respect to the stationary structure; and
a slider attached to the movable structure.

23. (Original) The disk drive according to claim 22, wherein the gimbal structure includes a dimple surface making a rolling-type contact with the stationary structure.

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Original) The disk drive according to claim 22, wherein the micro-fabricated chip is a passive chip structure.

29. (Original) The disk drive according to claim 22, wherein the micro-fabricated chip is a microactuator.

30. (Original) The disk drive according to claim 29, wherein the movable structure and the slider move in a rotational direction with respect to the stationary structure.

31. (Original) The disk drive according to claim 29, wherein the movable structure moves in a translational direction with respect to the stationary structure.

32. (Original) The disk drive according to claim 22, further comprising a flexible cable that is directly attached to the load beam without mechanical compliance and forms at least one electrical connection to the micro-fabricated chip.